

SEQUENCE LISTING

<110> BAO, GANG NIE, SHUMING NITIN, NITIN LACONTE, LESLIE

<120> MULTIFUNCTIONAL MAGNETIC NANOPARTICLE PROBES FOR INTRACELLULAR MOLECULAR IMAGING AND MONITORING

<130> 17625-0058

<140> 10/694,243

<141> 2003-10-27

<150> 60/421,361

<151> 2002-10-25

<160> 32

<170> PatentIn Ver. 3.2

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Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg

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Glu Arg Pro Arg Ala Pro Ala Arg Ser Ala Ser Arg Pro Arg Arg Pro 20 25 30

Val Glu

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Lys Lys Lys Lys Lys Lys Lys
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Gly Trp Thr Leu Asn Ser Ala Gly Tyr Leu Leu Gly Lys Ile Asn Leu
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Lys Ala Leu Ala Leu Ala Lys Lys Ile Leu
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40
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15
                           10
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peptide

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<220>
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<222> (17)
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<220>
<221> MOD_RES
<222> (19)
<223> Lys coupled to biotin (D-biocytin)
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<223> Beta-Ala
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Leu Leu

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Glu Val Lys Arg Lys Lys Pro Pro Thr
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cascacas sacacaccas taca	24